

**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : <b>C11D 1/52, 3/37</b>	<b>A1</b>	(11) International Publication Number: <b>WO 99/18177</b> (43) International Publication Date: <b>15 April 1999 (15.04.99)</b>
<p>(21) International Application Number: <b>PCT/GB98/02987</b></p> <p>(22) International Filing Date: <b>7 October 1998 (07.10.98)</b></p> <p>(30) Priority Data: <b>97402358.2 7 October 1997 (07.10.97) EP</b></p> <p>(71) Applicant (for all designated States except MN US): <b>RECKITT &amp; COLMAN FRANCE (FR/FR); 15, rue Ampère, Boite postale 83, F-91301 Massy Cedex (FR).</b></p> <p>(71) Applicant (for MN only): <b>RECKITT &amp; COLMAN PRODUCTS LIMITED (GB/GB); 67 Alma Road, Windsor, Berkshire SL4 3HD (GB).</b></p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): <b>JOETZJER, Pascale (FR/FR); 5, rue Cornu, F-27400 Louviers (FR). FAURE, Serge (FR/FR); 90, rue de la Paix, F-28600 Luisant (FR).</b></p> <p>(74) Agents: <b>DICKSON, Elizabeth, Anne et al.; Reckitt &amp; Colman plc, Group Patents Dept., Dansom Lane, Hull HU8 7DS (GB).</b></p>		<p>(81) Designated States: <b>AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</b></p> <p>Published <i>With international search report.</i></p>
<p>(54) Title: <b>DETERGENT COMPOSITION</b></p> <p>(57) Abstract</p> <p>A laundry detergent composition for washing delicate fabrics comprising one or more anionic, nonionic or amphoteric surfactants; a natural and/or synthetic ceramide; a silicone emulsion and, optionally, other detergent ingredients.</p>		